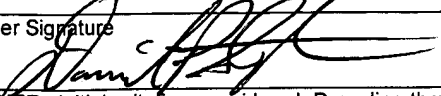


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<b>Substitute Form PTO-1449</b> (Modified)  <b>Information Disclosure Statement</b> <b>by Applicant</b> (Use several sheets if necessary)  (37 CFR §1.98(b))	<b>U.S. Department of Commerce</b> <b>Patent and Trademark Office</b>	<b>Attorney's Docket No.</b> 17601-020001	<b>Application No.</b> 10/004,316
	<b>Applicant</b> Joseph A. Zupanick		
	<b>Filing Date</b> October 30, 2001	<b>Group Art Unit</b> 3672	


U.S. Patent Documents							
Examiner Initial	Desig. ID	Document Number	Publication Date	Patentee	Class	Subclass	Filing Date If Appropriate
DPS	A1	1,488,106	03/25/1924	Fitzpatrick			
	A2	3,208,537	09/28/1965	Scarborough			
	A3	3,385,382	05/28/1968	Canalizo et al.			
	A4	4,134,463	01/16/1979	Allen			
	A5	4,224,989	09/30/1980	Blount			
	A6	4,333,539	06/08/1982	Lyons et al.			
	A7	4,536,035	08/20/1985	Huffman et al.			
	A8	5,411,088	05/02/1995	LeBlanc et al.			
	A9	5,653,286	08/05/1997	McCoy et al.			
	A10	5,775,433	07/07/1998	Hammett et al.			
	A11	5,853,224	12/29/1998	Riese			
	A12	5,941,308	08/24/1999	Malone et al.			
	A13	6,179,054	01/30/2001	Stewart			
	A14	6,357,530	03/19/2002	Kennedy et al.			
	A15	6,454,000	09/24/2002	Zupanick			
	A16	6,497,556	12/24/2002	Zupanick et al.			
	A17	6,575,235	06/10/2003	Zupanick et al.			
	A18	6,575,255	06/10/2003	Rial et al.			
	A19	6,591,922	07/15/2003	Rial et al.			
	A20	6,595,301	07/22/2003	Diamond et al.			
	A21	6,595,302	07/22/2003	Diamond et al.			
	A22	6,604,580	08/12/2003	Zupanick et al.			
	A23	6,604,910	08/12/2003	Zupanick			
	A24	6,644,422	11/11/2003	Rial et al.			
	A25	6,646,441	11/11/2003	Thompson et al.			
	A26	6,668,918	12/30/2003	Zupanick			
DPS	A27	6,679,322	01/20/2004	Zupanick			

<b>Examiner Signature</b> 	<b>Date Considered</b> 8/6/04
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U.S. Patent Documents							
Examiner Initial	Desig. ID	Document Number	Publication Date	Patentee	Class	Subclass	Filing Date If Appropriate
DPS	A28	6,688,388	02/10/2004	Zupanick			
	A29	6,708,764	03/23/2004	Zupanick			
	A30	6,722,452	04/20/2004	Rial et al.			
	A31	6,725,922	04/27/2004	Zupanick			
	A32	2003/0164253 A1	09/04/2003	Trueman et al.			
	A33	2003/0221836 A1	12/04/2003	Gardes			
	A34	2004/0033557 A1	02/19/2004	Scott et al.			
	A35	2004/0045719 A1	03/11/2004	Moore et al.			
DPS	A36	2004/0060351 A1	04/01/2004	Gunter et al.			

Foreign Patent Documents or Published Foreign Patent Applications								
Examiner Initial	Desig. ID	Document Number	Publication Date	Country or Patent Office	Class	Subclass	Translation	
							Yes	No
DPS	B1	CA 2,210,866	01/19/1998	Canada			N/A	
	B2	CA 2,278,735	01/13/1998	Canada			N/A	
	B3	CH 653741 A5	01/15/1986	Switzerland			Abstract Only	
	B4	GB 2 255 033 A	10/28/1992	United Kingdom			N/A	
	B5	GB 2 297 988 A	08/21/1996	United Kingdom			N/A	
	B6	SU-1448078 A1	03/25/1987	Russia			X	
	B7	SU-1770570 A1	03/30/1990	Russia			X	
	B8	SU-750108	06/26/1975	Russia			X	
	B9	WO 01/44620	06/21/2001	WIPO			N/A	
	B10	WO 02/059455 A1	08/01/2002	WIPO			N/A	
	B11	WO 02/061238 A1	08/08/2002	WIPO			N/A	
DPS	B12	WO 02/18738 A1	03/07/2002	WIPO			N/A	

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	Applicant Joseph A. Zupanick			
	Filing Date October 30, 2001		Group Art Unit 3672	

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**Foreign Patent Documents or Published Foreign Patent Applications**

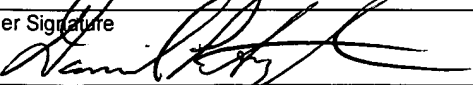
Examiner Initial	Desig. ID	Document Number	Publication Date	Country or Patent Office	Class	Subclass	Translation	
							Yes	No
DP5	B13	WO 03/102348 A2	12/11/2003	WIPO			N/A	
DP5	B14	WO 98/35133	08/13/1998	WIPO			N/A	

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**Other Documents (include Author, Title, Date, and Place of Publication)**

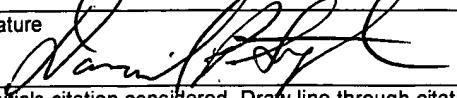
Examiner Initial	Desig. ID	Document
DP5	C1	Chi, Weiguo, "A feasible discussion on exploitation coalbed methane through Horizontal Network Drilling in China," SPE 64709, Society of Petroleum Engineers (SPE International), November 7, 2000, 4 pages
	C2	Goktas, B., et al., "Performances of Openhole Completed and Cased Horizontal/Undulating Wells in Thin-Bedded, Tight Sand Gas Reservoirs," SPE 65619, Society of Petroleum Engineers, October 17-19, 2000 (7 pages)
	C3	Sharma, R., et al., "Modelling of Undulating Wellbore Trajectories," The Journal of Canadian Petroleum Technology, Vol. 34, No. 10, XP-002261908, October 18-20, 1993 pp. 16-24
	C4	Balbinski, E.F., "Prediction of Offshore Viscous Oil Field Performance," European Symposium on Improved Oil Recovery, August 18-20, 1999, pp. 1-6, 9 & 10
	C5	Notification of Transmittal of the International Search Report or the Declaration (PCT Rule 44.1) (3 pages) and International Search Report (4 pages) re International Application No. PCT/US 03/21626 mailed November 6, 2003
	C6	Notification of Transmittal of the International Search Report or the Declaration (PCT Rule 44.1) (3 pages) and International Search Report (4 pages) re International Application No. PCT/US 03/38383 mailed June 2, 2004
	C7	Notification of Transmittal of the International Search Report or the Declaration (PCT Rule 44.1) (3 pages) and International Search Report (5 pages) re International Application No. PCT/US 03/21627 mailed November 5, 2003
	C8	Notification of Transmittal of the International Search Report or the Declaration (PCT Rule 44.1) (3 pages) and International Search Report (4 pages) re International Application No. PCT/US 03/21628 mailed November 4, 2003
	C9	Notification of Transmittal of the International Search Report or the Declaration (PCT Rule 44.1) (3 pages) and International Search Report (5 pages) re International Application No. PCT/US 03/21750 mailed December 5, 2003
	C10	Notification of Transmittal of the International Search Report or the Declaration (PCT Rule 44.1) (3 pages) and International Search Report (3 pages) re International Application No. PCT/US 03/28137 mailed December 19, 2003
	C11	Notification of Transmittal of the International Search Report or the Declaration (PCT Rule 44.1) (3 pages) and International Search Report (5 pages) re International Application No. PCT/US 03/26124 mailed February 4, 2004
DP5	C12	Notification of Transmittal of the International Search Report or the Declaration (PCT Rule 44.1) (3 pages) and International Search Report (6 pages) re International Application No. PCT/US 03/28138 mailed February 9, 2004

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		Applicant Joseph A. Zupanick	
		Filing Date October 30, 2001	Group Art Unit 3672

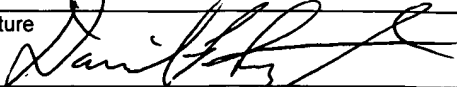
**Other Documents (include Author, Title, Date, and Place of Publication)**

Examiner Initial	Desig. ID	Document
DPS	C13	Notification of Transmittal of the International Search Report or the Declaration (PCT Rule 44.1) (3 pages) and International Search Report (6 pages) re International Application No. PCT/US-03/30126 mailed February 27, 2004
	C14	Smith, Maurice, "Chasing Unconventional Gas Unconventionally," CBM Gas Technology, New Technology Magazine, October/November 2003, pp. 1-4
	C15	Gardes, Robert, "A New Direction in Coalbed Methane and Shale Gas Recovery," (to the best of Applicants' recollection, first received at The Canadian Institute Coalbed Methane Symposium conference on June 16 and June 17, 2002), 1 page of conference flyer, 6 pages
	C16	Gardes, Robert, "Under-Balance Multi-Lateral Drilling for Unconventional Gas Recovery," (to the best of Applicants' recollection, first received at The Unconventional Gas Revolution conference on December 9, 2003, 4 pages of conference flyer, 33 pages
	C17	Boyce, Richard G., "High Resolution Seismic Imaging Programs for Coalbed Methane Development," (to the best of Applicants' recollection, first received at The Unconventional Gas Revolution conference on December 10, 2003), 4 pages of conference flyer, 24 pages
	C18	Mazzella, Mark, et al., "Well Control Operations on a Multiwell Platform Blowout," WorldOil.com - Online Magazine Article, Volume 22, Part 1 - pp. 1-7, January 2001, and Part II, February 2001, pp. 1-13
	C19	Vector Magnetics, LLC, Case History, California, May 1999, "Successful Kill of a Surface Blowout," 1999, pp. 1-12
	C20	Cudd Pressure Control, Inc, "Successful Well Control Operations - A Case Study: Surface and Subsurface Well Intervention on a Multi-Well Offshore Platform Blowout and Fire," 2000, pp. 1-17, <a href="http://www.cuddwellcontrol.com/literature/successful/successful_well.htm">http://www.cuddwellcontrol.com/literature/successful/successful_well.htm</a> .
	C21	Purl, R., et al., "Damage to Coal Permeability During Hydraulic Fracturing," SPE 21813, 1991, pp. 109-115
	C22	U.S. Dept. of Energy - Office of Fossil Energy, "Multi-Seam Well Completion Technology: Implications for Powder River Basin Coalbed Methane Production," pp. 1-100, A-1 through A-10, September 2003
	C23	U.S. Dept. of Energy - Office of Fossil Energy, "Powder River Basin Coalbed Methane Development and Produced Water Management Study," pp. 1-111, A-1 through A-14, November 2002
	C24	Fletcher, Sam, "Anadarko Cuts Route Under Canadian River Gorge," Oil & Gas Journal, pp. 28-30, January 5, 2004
	C25	Kalinin, et al., Translation of Selected Pages from Ch. 4, Sections 4.1, 4.4, 4.4.1, 4.4.3, 11.2.2, 11.2.4 and 11.4, "Drilling Inclined and Horizontal Well Bores," Moscow, Nedra Publishers, 15 pages, 1997
	C26	Kalinin, et al., Translation of Selected Pages from Ch. 4, Sections 4.2 (p. 135), 10.1 (p. 402), 10.4 (pp. 418-419), "Drilling Inclined and Horizontal Well Bores," Moscow, Nedra Publishers, 4 pages, 1997
	C27	Arens, V. Zh., Translation of Selected Pages, "Well-Drilling Recovery of Minerals," Moscow, Nedra Publishers, 7 pages, 1986
	C28	Jet Lavanway Exploration, "Well Survey," Key Energy Surveys, 3 pages, November 2, 1997
DPS	C29	Precision Drilling, "We Have Roots in Coal Bed Methane Drilling," Technology Services Group, 1 page, Published on or before August 5, 2002

Examiner Signature 	Date Considered 8/6/04
EXAMINER: Initials citation considered. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.	

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	Applicant Joseph A. Zupanick		
	Filing Date October 30, 2001	Group Art Unit 3672	

Other Documents (include Author, Title, Date, and Place of Publication)		
Examiner Initial	Desig. ID	Document
DPS	C30	U.S. Dept. of Energy, "New Breed of CBM/CMM Recovery Technology," 1 page, July 2003
	C31	Ghiselin, Dick, "Unconventional Vision Frees Gas Reserves," Natural Gas Quarterly, 2 pages, September 2003
	C32	CBM Review, World Coal, "US Drilling into Asia," 4 pages, June 2003
	C33	Skrebowski, Chris, "US Interest in North Korean Reserves," Petroleum, Energy Institute, 4 pages, July 2003
	C34	Zupanick, et al., "Slant Entry Well System and Method", S/N 10/003,917, November 4, 2001 (Publication 2002/0096336)
	C35	Zupanick, et al., U.S. Patent Application entitled "Method and System for Underground Treatment of Materials," S/N 10/142,817, May 8, 2002
	C36	Zupanick, et al., "Method and System for Accessing a Subterranean Zone From a Limited Surface Area," S/N 10/188,141, July 1, 2002, (Publication 2002/0189801)
	C37	Zupanick, U.S. Patent Application entitled "Wellbore Sealing System and Method," S/N 10/194,368 (Publication 2004/0007389)
	C38	Zupanick, U.S. Patent Application entitled "Wellbore Plug System and Method," S/N 10/194,422 (Publication 2004/0007390)
	C39	Zupanick, U.S. Patent Application entitled "System and Method for Subterranean Access," S/N 10/227,057, August 22, 2002 (Publication 2004/0035582)
	C40	Zupanick, et al, U.S. Patent Application entitled "Method and System for Controlling Pressure in a Dual Well System," S/N 10/244,082, September 12, 2002
	C41	Zupanick, U.S. Patent Application entitled "Three-Dimensional Well System for Accessing Subterranean Zones," S/N 10/244,083, September 12, 2002 (Publication 2004/0050552)
	C42	Zupanick et al., U.S. Patent Application entitled "Accelerated Production of Gas From a Subterranean Zone," S/N 10/246,052, September 17, 2002 (Publication 2004/0050554)
	C43	Diamond et al., U.S. Patent Application entitled "Method and System for Removing Fluid From a Subterranean Zone Using an Enlarged Cavity," S/N 10/264,535, October 3, 2002
	C44	Zupanick, U.S. Patent Application entitled "Method of Drilling Lateral Wellbores From a Slant Well Without Utilizing a Whipstock," S/N 10/267,426, October 8, 2002
	C45	Zupanick, U.S. Patent Application entitled "Method and System for Circulating Fluid in a Well System," S/N 10/323,192, December 18, 2002 (Publication 2004/0055787)
	C46	Rial et al., U.S. Patent Application entitled "Method and System for Controlling the Production Rate Of Fluid From A Subterranean Zone To Maintain Production Bore Stability In The Zone," S/N 10/328,408, December 23, 2002
	C47	Zupanick, et al., U.S. Patent Application entitled "Method and System for Recirculating Fluid in a Well System," S/N 10/457,103, June 5, 2003
	C48	Zupanick, U.S. Patent Application entitled "Method and System for Accessing Subterranean Deposits from the Surface and Tools Therefor," S/N 10/630,345, July 29, 2003
	C49	Zupanick, U.S. Patent Application entitled "Method and System for Accessing Subterranean Deposits From the Surface," S/N 10/641,856, August 15, 2003 (Publication 2004/0031609)
DPS	C50	Pauley, Steven, U.S. Patent Application entitled "Multi-Purpose Well Bores and Method for Accessing a Subterranean Zone From the Surface," S/N 10/715,300, November 17, 2003

Examiner Signature 	Date Considered 8/6/04
EXAMINER: Initials citation considered. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.	

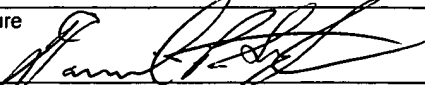
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		Filing Date October 30, 2001	Group Art Unit 3672

Other Documents (include Author, Title, Date, and Place of Publication)		
Examiner Initial	Desig. ID	Document
DPS	C51	Seams, Douglas, U.S. Patent Application entitled "Method and System for Extraction of Resources from a Subterranean Well Bore," S/N 10/723,322, November 26, 2003
	C52	Zupanick, U.S. Patent Application entitled "Slant Entry Well System and Method," S/N 10/749,884, December 31, 2003
	C53	Zupanick, U.S. Patent Application entitled "Method and System for Accessing Subterranean Deposits from the Surface," S/N 10/761,629, January 20, 2004
	C54	Zupanick, U.S. Patent Application entitled "Method and System for Testing A Partially Formed Hydrocarbon Well for Evaluation and Well Planning Refinement," S/N 10/769,221, January 30, 2004
	C55	Platt, "Method and System for Lining Multilateral Wells," S/N 10/772,841, February 5, 2004
	C56	Zupanick, "Three-Dimensional Well System For Accessing Subterranean Zones," February 11, 2004, S/N 10/777,503
	C57	Zupancik, "System And Method For Directional Drilling Utilizing Clutch Assembly," S/N 10/811,118, March 25, 2004
	C58	Zupanick et al., "Slot Cavity," S/N 10/419,529, April 21, 2003
	C59	Zupanick, "System and Method for Multiple Wells from a Common Surface Location," S/N 10/788,694, February 27, 2004
	C60	Zupanick, "Method and System for Accessing a Subterranean Zone From Limited Surface Area," S/N 10/406,037, April 2, 2003 (Publication 2003/0217842)
	C61	Palmer, Ian D., et al., "Coalbed Methane Well Completions and Stimulations," Chapter 14, Hydrocarbons From Coal, American Association of Petroleum Geologists, 1993, pp. 303-339
	C62	Field, T.W., "Surface to In-seam Drilling - The Australian Experience," 10 pages, Undated
	C63	Drawings included in CBM well permit issued to CNX stamped April 15, 2004 by the West Virginia Department of Environmental Protection (4 pages)
	C64	Website of Mitchell Drilling Contractors, "Services: Dymaxion - Surface to In-seam," <a href="http://www.mitchelldrilling.com/dymaxion.htm">http://www.mitchelldrilling.com/dymaxion.htm</a> , printed as of 06/17/2004, 4 pages
	C65	Website of CH4, "About Natural Gas - Technology," <a href="http://www.ch4.com.au/ng_technology.html">http://www.ch4.com.au/ng_technology.html</a> , copyright 2003, printed as of 06/17/2004, 4 pages
	C66	Thomson, et al., "The Application of Medium Radius Directional Drilling for Coal Bed Methane Extraction," Lucas Technical Paper, copyrighted 2003, 11 pages
DPS	C67	U.S. Department of Energy, DE-FC26-01NT41148, "Enhanced Coal Bed Methane Production and Sequestration of CO2 in Unmineable Coal Seams" for Consol, Inc., accepted October 1, 2001, 48 pages, including cover page

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JUN 28 2004

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Examiner Signature 	Date Considered 8/6/04
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